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078883-0139

SERIAL NO.

Unassigned

APPLICANT

Iain Alasdair DONALDSON et al.

## INFORMATION DISCLOSURE CITATION

FILING DATE

12/12/2001

GROUP ART UNIT

1638 Unassigned

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
cc	A1	10062	3/12/1998	WIPO				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

cc	A2	HUANG et al., "Complete Structures of Three Rice Sucrose Synthase Isogenes and Differential Regulation of Their Expression," <i>Bioscience Biotechnology and Biochemistry</i> 60(2):233-239 (1996).						
	A3	WANG et al., "A Complete Sequence of the Rice Sucrose Synthase-1 RSS1 Gene," <i>Plant Molecular Biology</i> 19(5):881-885 (1992).						
	A4	WING et al., "A BAC End Sequencing Framework to Sequence the Rice Genome," Database EMGSS3 'Online' (1998) EMBL Heidelberg, Germany (Abstract).						
	A5	"Original TA Cloning Kits, pCR2.1 vector" Invitrogen Catalogue, page 7, 1997.						

EXAMINER

Cynthia Collins

DATE CONSIDERED

12/2/04

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Substitute for form 1449B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  Date Submitted: January 9, 2003 (use as many sheets as necessary)		Application Number	10/009,570
		Filing Date	12/12/2001
		First Named Inventor	Iain Alasdair DONALDSON et al.
		Group Art Unit	Unassigned 1638
		Examiner Name	Unassigned C. COLLINS
Attorney Docket Number	078883-0139		
Sheet	1	of	3

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
OC ↓	A1	3,817,837		RUBENSTEIN ET AL.	06/18/1974	
	A2	3,850,752		SCHUURS ET AL.	11/26/1974	
	A3	3,996,345		ULLMAN ET AL.	12/07/1976	
	A4	4,277,437		MAGGIO	07/07/1981	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office <sup>3</sup>	Number <sup>4</sup>			
OC ↓	A8	CA	2,006,454	ROCHA-SOSA ET AL.	06/21/1990	
	A9	WO	99/50399	DANISCO A/S	10/07/1999	
	A10	WO	96/29416	DANISCO A/S	09/26/1996	
	A11	WO	94/24292	DANISCO A/S	0/27/1994	
	A12	WO	95/10616	DANISCO A/S	04/20/1995	
	A13	WO	96/01323	DANISCO A/S	01/18/1996	
	A14	WO	96/29415	DANISCO A/S	09/26/1996	
	A15	WO	98/54335	DANISCO A/S	12/03/1998	
	A16	WO	97/03574	DANISCO A/S	02/06/1997	
	A17	WO	94/25575	NOVO NORDISK A/S	11/10/1994	
	A18	WO	97/31102	NOVO NORDISK A/S	08/28/1997	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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OC ↓	A19	BLOOMFIELD, "Condensation of DNA by Multivalent Cations: Considerations on Mechanism", <i>Biopolymers</i> (1991), Vol. 31, pp. 1471-1481.	
	A20	DONOVAN ET AL., "The Growth of Detached Wheat Heads in Liquid Culture," <i>Plant Science Letters</i> (1977), Vol. 9, pp. 107-113.	
	A21	KIKKERT, "The Biolistic® PDS-1000/He device," <i>Plant Cell Tissue and Organ Culture</i> (1993), Vol. 33, pp. 221-226.	

Examiner Signature	<i>Cynthia Collins</i>	Date Considered	12/2/04
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Date Submitted: January 9, 2003

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Sheet

2

of

3

## Complete if Known

Application Number 10/009,570

Filing Date 12/12/2001

First Named Inventor Iain Alasdair DONALDSON

Group Art Unit Unassigned 1638

Examiner Name Unassigned C. COLLINS

Attorney Docket Number 078883-0139

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
CC	A22	KNUDSEN ET AL., "Transformation of the developing barley endosperm by particle bombardment," <i>Planta</i> (1991), Vol. 185, pp. 330-336.	
	A23	SIEBERT ET AL., "An improved PCR method for walking in uncloned genomic DNA," <i>Nucleic Acids Research</i> (1995), Vol. 23, No. 6, pp. 1087-1088.	
	A24	COPELAND, "Enzymes of Sucrose Metabolism," <i>Methods in Plant Biochemistry</i> , Vol. 3 (1990), pp. 73 - 85, Academic Press Limited.	
	A25	DÖRMANN ET AL., "The role of UDP-glucose epimerase in carbohydrate metabolism of <i>Arabidopsis</i> ," <i>The Plant Journal</i> (1998), Vol. 13, No. 5, pp. 641-652.	
	A26	FINER ET AL., "Development of the particle inflow gun for DNA delivery to plant cells," <i>Plant Cell Reports</i> (1992), Vol. 11, pp. 323-328.	
	A27	JEFFERSON, "Assaying Chimeric Genes in Plants: The GUS Gene Fusion System," <i>Plant Molecular Biology Reporter</i> (1987), Vol. 5, No. 4, pp. 387-405.	
	A28	KARRER ET AL., "Metabolic regulation of rice $\alpha$ -amylase and sucrose synthase genes in planta," <i>The Plant Journal</i> (1992), Vol. 2, No. 4, pp. 517-523.	
	A29	KLEIN ET AL., "High-velocity microprojectiles for delivering nucleic acids into living cells," <i>Nature</i> (1987), Vol. 327, pp. 70 - 73.	
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	A31	LOPES ET AL., "Endosperm Origin, Development, and Function," <i>The Plant Cell</i> (1993), Vol. 5, pp. 1383-1399.	
	A32	SANFORD ET AL., "Delivery of Substances into Cells and Tissues Using a Particle Bombardment Process," <i>Particulate Science and Technology</i> (1987), Vol. 5, No. 1, pp. 27-37.	
	A33	THOMAS, "Gene Expression during Plant Embryogenesis and Germination: An Overview," <i>The Plant Cell</i> (1993), Vol. 5, pp. 1401-1410.	
	A34	VAIN ET AL., "Development of the Particle Inflow Gun," <i>Plant Cell, Tissue and Organ Culture</i> (1993), Vol. 33, pp. 237-246.	
	A35	WEST ET AL., "Embryogenesis in Higher Plants: An Overview," <i>The Plant Cell</i> (1993), Vol. 5, pp. 1361-1369.	

Examiner Signature

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Date Considered

12/2/04

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Number of Sheets: 3 of 3	RECEIVED JAN 10 2003 TECHNICAL CENTER 1600/2901		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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CC ↓	A36	WHISTLER ET AL., <i>Guar: Agronomy, Production, Industrial Use, and Nutrition</i> (1979), Purdue University Press, West Lafayette, Indiana.	
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